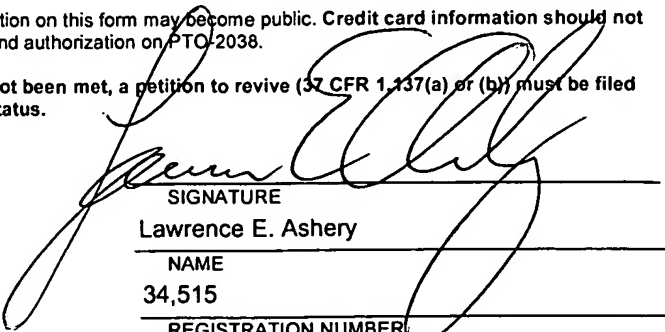



TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER MAT-8872US U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/1587778 To Be Assisted
INTERNATIONAL APPLICATION NO. PCT/JP2005/000564	INTERNATIONAL FILING DATE 19 January 2005 (19.01.2005)	PRIORITY DATE CLAIMED 30 January 2004 (30.01.2004)
TITLE OF INVENTION <small>COMMUNICATION SYSTEM, INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING APPARATUS, TUNNEL MANAGEMENT APPARATUS, INFORMATION PROCESSING METHOD, TUNNEL MANAGEMENT METHOD, AND PROGRAM</small>		
APPLICANT(S) FOR DO/EO/US Hajime MAEKAWA and Takumi IKEDA		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Certificate of Express Mail and PTO 2038		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/587778 To Be Assigned		INTERNATIONAL APPLICATION NO. PCT/JP2005/000564		ATTORNEY'S DOCKET NUMBER MAT-8872US																			
The following fees have been submitted				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300</td> <td>\$ 300</td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).... \$0</td> <td>\$ 200</td> </tr> <tr> <td>All other situations.....\$200</td> <td></td> </tr> <tr> <td>23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).... \$0</td> <td></td> </tr> <tr> <td>Search fee (37 CFR 1.44(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100</td> <td></td> </tr> <tr> <td>International Search Report prepared by an ISA other than the US, and provided to the Office or previously communicated to the US by the IB..... \$400</td> <td>\$ 400</td> </tr> <tr> <td>All other situations.....\$500</td> <td></td> </tr> <tr> <td>TOTAL OF 21, 22 and 23 =</td> <td>\$ 900</td> </tr> </table>		CALCULATIONS	PTO USE ONLY	21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300	\$ 300	22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).... \$0	\$ 200	All other situations.....\$200		23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).... \$0		Search fee (37 CFR 1.44(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100		International Search Report prepared by an ISA other than the US, and provided to the Office or previously communicated to the US by the IB..... \$400	\$ 400	All other situations.....\$500		TOTAL OF 21, 22 and 23 =	\$ 900
CALCULATIONS	PTO USE ONLY																						
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300	\$ 300																						
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).... \$0	\$ 200																						
All other situations.....\$200																							
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).... \$0																							
Search fee (37 CFR 1.44(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100																							
International Search Report prepared by an ISA other than the US, and provided to the Office or previously communicated to the US by the IB..... \$400	\$ 400																						
All other situations.....\$500																							
TOTAL OF 21, 22 and 23 =	\$ 900																						
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. <table style="width:100%;"> <tr> <td style="width:20%;">Total Sheets</td> <td style="width:20%;">Extra Sheets</td> <td style="width:20%;">Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td style="width:40%;">RATE</td> </tr> <tr> <td>109 - 100 =</td> <td>9</td> <td>1</td> <td>x \$250</td> </tr> </table>				Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	109 - 100 =	9	1	x \$250	\$ 250											
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																				
109 - 100 =	9	1	x \$250																				
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$																			
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE																			
Total claims		26 - 20 =	6	x \$ 50	\$ 300																		
Independent claims		3 - 3 =	0	x \$200	\$																		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360	\$																		
TOTAL OF ABOVE CALCULATIONS =					\$ 1,450																		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.																							
SUBTOTAL =					\$ 1,450																		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(ii)).				+																			
TOTAL NATIONAL FEE =					\$ 1,450																		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+																			
TOTAL FEES ENCLOSED =					\$ 1,450																		
				Amount to be refunded:	\$																		
				Amount to be charged:	\$ 1,450																		
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. <u>18-0350</u> . A duplicate copy of this sheet is enclosed. d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.437(a) or (b)) must be filed and granted to restore the International Application to pending status.																							
SEND ALL CORRESPONDENCE TO: <input checked="" type="checkbox"/> Customer Number <u>52473</u> OR <input type="checkbox"/> Ratner Prestia, P.O. Box 980, Valley Forge, PA 19482 <input type="checkbox"/> Ratner Prestia, P.O. Box 1596, Wilmington, DE 19899 Date: <u>July 28, 2006</u>																							
				SIGNATURE  NAME Lawrence E. Ashery 34,515 REGISTRATION NUMBER																			

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)		Docket No.	
Applicant: Hajime MAEKAWA, et al.		MAT-8872US	
Application No. 107587778 <small>To Be Assigned</small>	Filing Date Herewith	Examiner To Be Assigned	Group Art Unit To Be Assigned
Invention: <p style="text-align: center; margin-top: 10px;"> COMMUNICATION SYSTEM, INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING APPARATUS, TUNNEL MANAGEMENT APPARATUS, INFORMATION PROCESSING METHOD, TUNNEL MANAGEMENT METHOD, AND PROGRAM </p>			
I hereby certify that the following correspondence: <div style="border: 1px solid black; padding: 10px; margin-top: 10px; min-height: 150px;"> <p>PCT National Stage Application with PTO-1390 and its enclosures</p> </div> <p style="text-align: center; margin-top: 10px;"><i>(Identify type of correspondence)</i></p> <p>Is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, Alexandria, VA 22313-1450 on: <u>July 28, 2006</u></p> <div style="text-align: right; margin-top: 20px;"> <p><u>DENNIS McDERMOTT</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p> <p> <i>(Signature of Person Mailing Correspondence)</i></p> <p><u>EV 766 498 713 US</u> <i>("Express Mail" Mailing Label Number)</i></p> </div>			
<p>Note: Each paper must have its own certificate of mailing.</p>			